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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,737	01/22/2004	Lien-Wen Chang	034.0003US	7677
29906	7590	02/04/2005		EXAMINER
		INGRASSIA FISHER & LORENZ, P.C.		LEVI, DAMEON E
		7150 E. CAMELBACK, STE. 325		
		SCOTTSDALE, AZ 85251	ART UNIT	PAPER NUMBER
			2841	

DATE MAILED: 02/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	CHANG ET AL. <i>[Signature]</i>
	Examiner Dameon E Levi	Art Unit 2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 22 January 2004.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-7 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-7 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 22 January 2004 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by De Lorenzo et al US Patent 6493233.

Regarding claim 1, De Lorenzo et al discloses an apparatus comprising:
a rivet pin (for example, see elements 14, Figs 1A-10)said rivet pin having a first part (for example, see elements 12, Figs 1A-10)and a second part (for example, see elements 14, Figs 1A-10), said first part being provided with threads engaging with said wall (for example, see elements 56, Figs 1A-10)for fixing said rivet pin on said first shell, and said second part attaching said second shell for connecting said second shell to said first shell (for example, see 12,14,18,20 1A-10).

Regarding claim 2, De Lorenzo et al discloses wherein said second shell has at least a second hole(for example, see elements 22, Figs1-3).

Regarding claim 3, De Lorenzo et al discloses an apparatus wherein a connection device further comprises a rivet body being inserted into a second hole(for example, see elements 14, Figs 1A-10)for connecting to a second shell, and said rivet body being provided with a slot (for example, see elements D1 Figs 1A-10)allowing said second

part to pass through, and said second part engaging with said rivet body (for example, see elements 12,14 Figs 1A-10)for connecting said second shell to said first shell.

Regarding claim 4, De Lorenzo et al discloses wherein said rivet pin further comprises a bolt head (for example, see element 15, Figs 1A-10)located between said first part and said second part allowing users to rotate said rivet pin.

Regarding claim 6, De Lorenzo et al discloses an apparatus comprising :
a rivet pin(for example, see elements 14, Figs 1A-10), said rivet pin having a first part (for example, see elements 12, Figs 1A-10)and a second part(for example, see elements 14, Figs 1A-10), said first part being provided with threads engaging with said wall (for example, see elements 56, Figs 1A-10)for fixing said rivet pin on said first shell', and a rivet body being inserted into said second hole(for example, see elements 16, 22, Figs 1A-10) for connecting to said second shell, and said rivet body being provided with a slot(for example, see elements 16, D1, Figs 1A-10) allowing said second part to pass through and to engage with said rivet body.

Regarding claim 7, De Lorenzo et al discloses a bolt head located between said first part and said second part (for example, see element 15, Figs 1A-10)allowing users to rotate said rivet pin.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dameon E Levi whose telephone number is (571) 272-2105. The examiner can normally be reached on Mon.-Fri. (9:00 - 5:00).

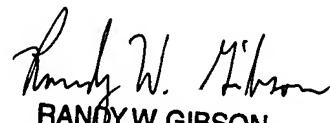
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571) 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dameon E Levi
Examiner
Art Unit 2841

DEL



RANDY W. GIBSON
PRIMARY EXAMINER